

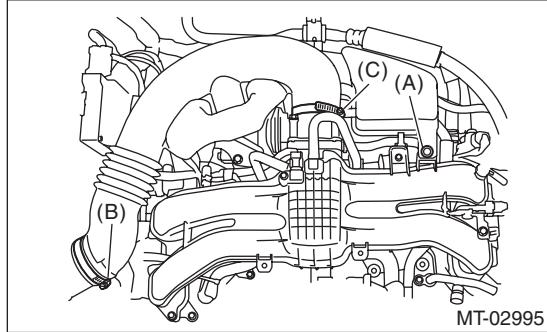
5. Operating Cylinder

A: REMOVAL

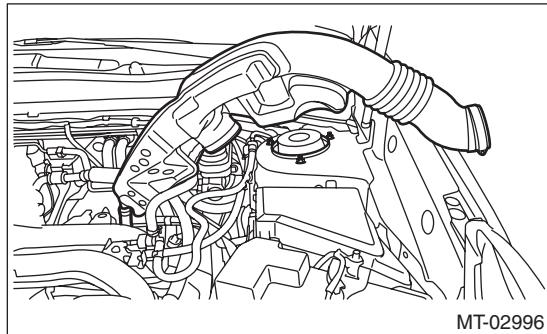
CAUTION:

Clutch fluid spilled on the vehicle body will harm the paint surface; wash it off with water and wipe clean quickly if spilled.

- 1) Remove the clip (A) from the air intake boot.
- 2) Loosen the clamp (B) connecting the air intake boot and air cleaner case (rear).
- 3) Loosen the clamp (C) which connects the air intake boot and throttle body.



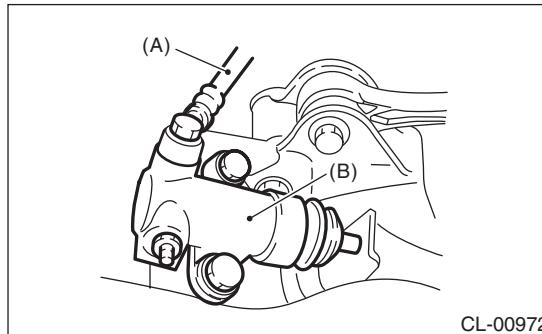
- 4) Remove the air intake boot from the throttle body, and move it to the left side wheel apron.



- 5) Disconnect the clutch hose from the operating cylinder.

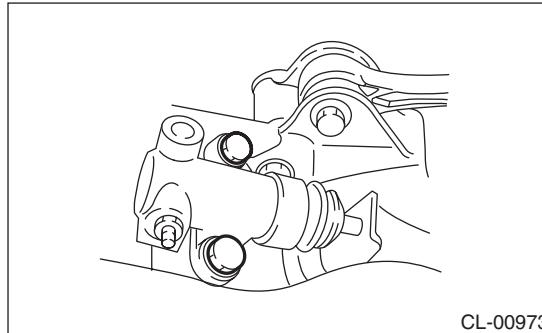
CAUTION:

Cover the hose joint to prevent the clutch fluid from flowing out.



(A) Clutch hose
(B) Operating cylinder

- 6) Remove the operating cylinder from the transmission.



B: INSTALLATION

1) Install in the reverse order of removal.

NOTE:

- Before installing the operating cylinder, apply grease to the contact point of the release lever and operating cylinder.

Grease:

NICHIMOLY N-130 or equivalent

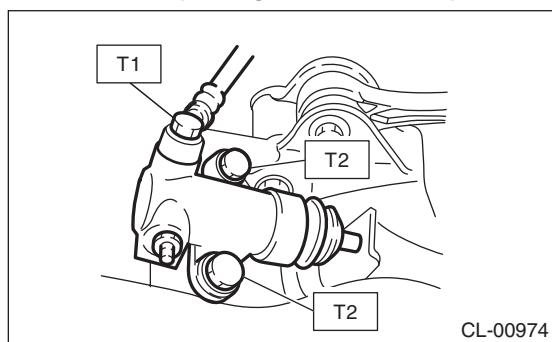
- Be sure to install the clutch hose with the mark side facing upward.
- Be careful not to twist the clutch hose during installation.
- Use a new gasket.

Tightening torque:

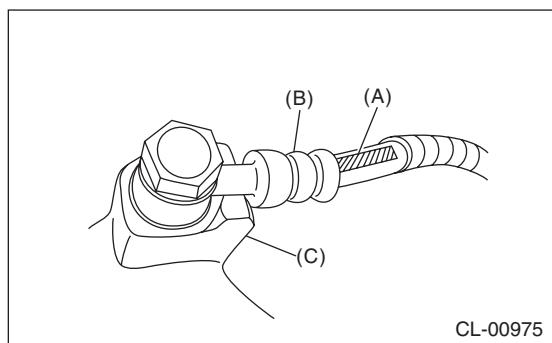
Operating cylinder

T1: 18 N·m (1.8 kgf-m, 13.3 ft-lb)

T2: 37 N·m (3.8 kgf-m, 27.3 ft-lb)



CL-00974



CL-00975

- (A) Mark
- (B) Clutch hose
- (C) Operating cylinder

Tightening torque:

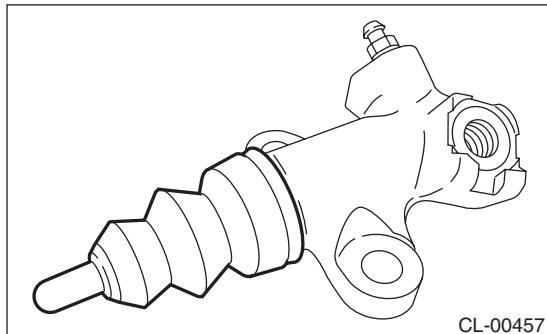
Air intake boot

3 N·m (0.3 kgf-m, 2.2 ft-lb)

2) After bleeding air from the operating cylinder, ensure that the clutch operates properly. <Ref. to CL-25, Clutch Fluid Air Bleeding.>

C: DISASSEMBLY

1) Remove the boot and push rod.

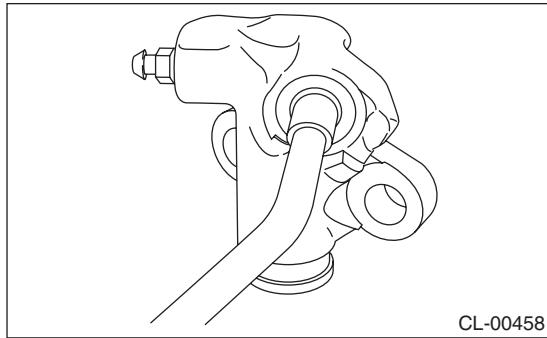


CL-00457

2) Apply compressed air through clutch hose attachment hole.

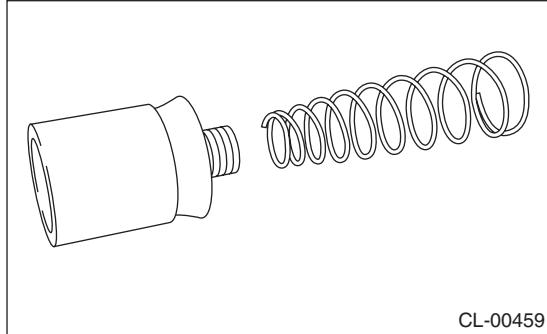
NOTE:

Face the piston hole down and place a piece of wood underneath to prevent the piston from popping out.



CL-00458

3) Separate the piston and piston spring.



CL-00459

Operating Cylinder

CLUTCH SYSTEM

D: ASSEMBLY

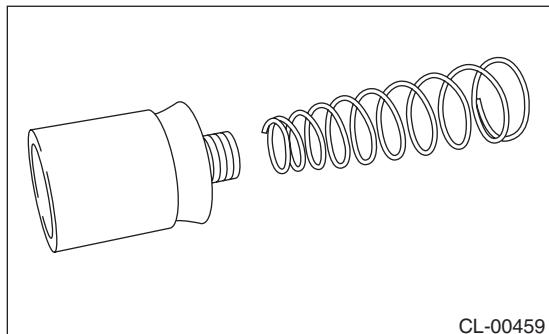
NOTE:

During assembly, apply hydraulic oil to all parts.

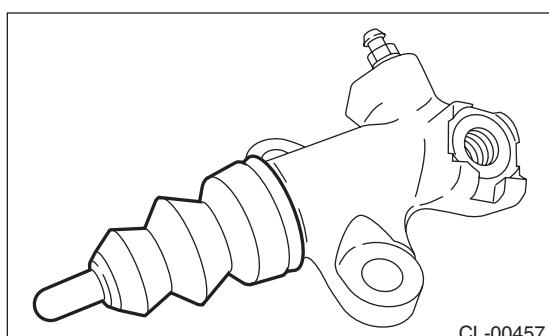
Recommended clutch fluid:

New FMVSS No. 116 DOT3 or DOT4

- 1) Install the piston spring onto the piston.



- 2) Insert piston into the operating cylinder.
- 3) Install push rod to the boot.
- 4) Install boot and push rod to the operating cylinder.



E: INSPECTION

- 1) Check that the operating cylinder is not damaged. Replace the operating cylinder if it is damaged.
- 2) Check the clutch fluid leakage on the operating cylinder or the boot for damage. Replace the operating cylinder if leaks or damages are noted.